

Watts Family Farms

Forestdale, MA

Owner/Operator:
Peter Watts

History -

- Started composting in the early 1990's to supplement farm income
- Received exemption from DFA with assistance from MADEP
- Started with -
 - 32-hp tractor with 1/3cu.yd. Bucket
 - 30-acre farm with 5 acres designated for compost pad
- Now composting on a more remote 25 acres of a 220 acre farm

Why Stop & Shop?

- They were an interested generator considering a pilot working with MADEP
- Farm had capacity to handle their volumes
- S&S already had source separation infrastructure
- 'Wet waste' would add the needed moisture content to enhance breakdown of drier products already coming in to the farm

Equipment - type and size critical for successful operation

Rotor-Grind



Excavator



Morooka Flat Track



Rowson Screening Plant



2001 20-Yard Mack Truck (designed specifically to haul toters)



938F Cat Loader



GMC Truck



Skid Steerer



Hough Pay Loader



Windrow



Issues as a farmer -

- Rules and regulations required by exempt locations
- Proper processing equipment and techniques
- Neighbors
 - Possible odors
 - Noise issues/concerns
- Keep open communications and address any issues as they arise

Hauling and collection -

Toters vs. Compactors

- First store was a pilot at the Mashpee Stop & Shop with a compactor maintained and hauled by ABC Disposal out of New Bedford, MA
- WFF started collecting the Falmouth S&S with 55-gal. Drums and a 20-ft. body rendering truck
- Once program expansion was agreed upon by WFF and S&S, designed a specialized collection truck specifically for toters (replaced 55-gal. Drums), to service 7 stores
- Two additional stores were fitted with compactor units

Quality Control -

- Reduces issues with contamination
 - Toters - more control
 - Compactors - less control, but increased volume
- Requires communication and feedback with key store personnel
- Proper initial training is key to avoiding future problems
- Good QC provides-
 - Higher quality product
 - Lower operating costs

Looking to the future -

- Increased route density by the addition of other supermarket chains to increase cost effectiveness and efficiency of the program.
- Increased public awareness of organics recycling and its successful progress = building and expansion of infrastructure needed to grow in other areas.